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PN - SU1149146 A 19850407
PD - 1985-04-07
PR - SU19823431929 19820427
OPD - 1982-04-27
TI - SINGLE-CHANNEL OPTICAL GAS ANALYZER
IN - DREMLYUGA VASILIJ YA (SU); MIKITCHENKO VLADIMIR F (SU);
GOLOVCHENKO PETR F (SU); DASHKOVSKIJ ALEKSANDR A
(SU); SHAPOVALENKO VALENTIN I (SU)
PA - KI N PROIZV OB ANALITPRIBOR (SU)

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TI - Single channel optical gas analyser - has signal amplitude and phase balancing device comprising phase regulator, phase inverter and amplitude regulator
PR - SU19823431929 19820427
PN - SU1149146 A 19850407 DW198541 004pp
PA - (KIAN-R) KIEV ANALITPRIBOR
IC - G01N21/61
IN - DREMLYUGA V Y A; GOLOVICHEN P F; MIKITCHENK V F
AB - SU1149146 Analyser additionally has waveguide located at the output of measuring vessel which houses the second irradiator with a reflector. The signal phase and amplitude balancing device input is fed by modulation oscillator and the output goes to the second irradiator.
- The irradiation from irradiator (2) after reflection from irradiator (1) is directed via measuring vessel (3) waveguide (4) light filter (7) and focussing cone (8) on to the light receiver (9). The band filter (7) detects a band from the central frequency corresp. to the absorption line of the analysed gas.
- USE/ADVANTAGE - Metallurgy, chemistry and other industries for media preservation e.g. environmental. Measurement accuracy is improved as well as stability, giving reduction in level of errors.
Bul.13/7.4.85. (4pp Dwg.No.1/1)
OPD - 1982-04-27
AN - 1985-255308 [41]